

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/FR 03/03794

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D487/22 A61K51/00 A61K49/00 A61K31/409 A61P35/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BEILSTEIN Data, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	FR 2 709 491 A (CENTRE NAT RECH SCIENT) 10 March 1995 (1995-03-10) the whole document	1-19
X	----- DIDIER ET AL: "A Versatile and Convenient Method for the Functionalization of Porphyrins" EUROPEAN JOURNAL OF ORGANIC CHEMISTRY, WILEY-VCH VERLAG, WEINHEIM, DE, 2001, pages 1917-1926, XP002247504 ISSN: 1434-193X cited in the application * Schéma 4 *	1-19
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

14 April 2004

Date of mailing of the international search report

29/04/2004

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PCT/FR 03/03794

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	BOITREL ET AL: "Synthesis and Spectral and Structural Characterization of a New Series of Bis-Strapped Chiral Porphyrins Derived from L-Proline" EUROPEAN JOURNAL OF ORGANIC CHEMISTRY, WILEY-VCH VERLAG, WEINHEIM, DE, 2001, pages 4213-4221, XP002247505 ISSN: 1434-193X * Schéma 1 *	1-19
P,Y	BOITREL ET AL: "Investigation of the Enantioselectivity Observed in Epoxidation Reactions catalysed by Bis-Strapped Chiral Porphyrins Derived from L-Proline" EUROPEAN JOURNAL OF INORGANIC CHEMISTRY, WILEY-VCH VERLAG, WEINHEIM, DE, 2002, pages 1666-1672, XP002247506 ISSN: 1434-1948 * Figure 1 *	1-19
Y	MICHAUDET L ET AL: "Synthesis and crystal structure of an unprecedented bismuth porphyrin containing ester pendant arms" CHEMICAL COMMUNICATIONS - CHEMCOM, ROYAL SOCIETY OF CHEMISTRY, GB, 2000, pages 1589-1590, XP002247507 ISSN: 1359-7345 * Schéma 1 *	1-19
Y	MOMENTEAU M ET AL: "KINETIC EVIDENCE FOR DIOXYGEN STABILIZATION IN OXYGENATED IRON(II)-PORPHYRINS BY DISTAL POLAR INTERACTIONS" JOURNAL OF THE CHEMICAL SOCIETY, CHEMICAL COMMUNICATIONS, CHEMICAL SOCIETY, LETCHWORTH, GB, 1982, pages 341-343, XP009013743 ISSN: 0022-4936 * Page 342 *	1-19
Y	MOMENTEAU M ET AL: "SYNTHESIS AND CHARACTERIZATION OF A NEW SERIES OF IRON(II) SINGLE-FACE HINDERED PORPHYRINS. INFLUENCE OF CENTRAL STERIC HINDRANCE UPON CARBON MONOXIDE AND OXYGEN BINDING" JOURNAL OF THE CHEMICAL SOCIETY, PERKIN TRANSACTIONS 2, CHEMICAL SOCIETY, LETCHWORTH, GB, 1987, pages 249-257, XP009013750 ISSN: 1472-779X " Schéma 1 *	1-19

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PCT/FR 03/03794

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 94/19352 A (DIAGNOSTIKFORSCHUNG INST ; MAIER FRANZ KARL (DE); EBERT WOLFGANG (DE);) 1 September 1994 (1994-09-01) the whole document	1-19
Y	----- BHALGAT M K ET AL: "Preparation and Biodistribution of Copper-67-Labeled Porphyrins and Porphyrin-A6H Immunoconjugates" NUCLEAR MEDICINE AND BIOLOGY, ELSEVIER SCIENCE PUBLISHERS, NEW YORK, NY, US, vol. 24, no. 2, 1 February 1997 (1997-02-01), pages 179-185, XP004058589 ISSN: 0969-8051 figure 1	1-19
A	----- KURODA, Y. ET AL.: "Chiral Amino Acid Recognition by a Porphyrin-Based Artificial Receptor" J.AM.CHEM.SOC., vol. 117, 1995, pages 10950-10958, XP002276870 figure 1 -----	1-19

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
FR 2709491	A	10-03-1995	FR 2709491 A1	10-03-1995
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			AT 159526 T	15-11-1997
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